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on February 25, 2004

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02/ 25 /04  
Date of  
Signature

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Customer No.: 000201  
Attorney Docket No.: T3089(C)  
Applicant: Cobain et al.  
For: PSYCHOLOGICAL STRESS IN HUMANS  
Serial No.: 10/660,125  
Date Filed: September 11, 2003  
UNUS No.: 02-0544-UNI

Group: 3736  
Examiner: Unknown  
Edgewater, New Jersey 07020  
February 25, 2004

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Alexandria, VA 22313-1450

Sir:

Documents relating to the above-identified application are submitted herewith. The following information is intended for the Examiner's information and for citation with the instant case. This submission does not constitute either a representation that a thorough search has been made or an admission that the documents cited herein are properly citable against the above-identified application. Comments accompanying the documents, if any comments are included, are believed to constitute a concise explanation of the relevance of the documents. However, any such comments are not

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intended to take the place of the Examiner's independent consideration of each document. An attached PTO Form 1449 lists these documents.

References:

US2002/0072083 A1 - (Fitzgerald et al.)

US 5,891,622 - (Morrow et al.)

WO 00/32805 - (Fitzgerald et al.)

Liu, T., Stern, A. et al.; The Isoprostanes: Novel prostaglandin-like products of the free radical catalysed peroxidation of arachidonic acid; *Journal of Biomedical Science*; 1999, Vol. 6, no.4 pp 226-235.

Morrow, J. D., Frei, B., Longmire, A. W. et al.; Increase in circulating products of lipid peroxidation (F-2- Isoprostanes) in smokers – smoking as a cause of oxidative damage. *New England Journal of Medicine*; 1995, Vol. 332, no.18, p. 1198-1203.

Morrow, J. D., Roberts, L.J.; The Isoprostanes: Unique bioactive products of lipid peroxidation. *Pro. Lipid Res.* Vol.36, No. 1, pp 1-21, 1997.

Pruessner, J. C., Hellhammer, D. H., Kirschbaum, C.; Low self-esteem, induced failure and the adrenocortical stress response; *Personality and Individual Differences*; 1999, Vol. 27, no.3, p. 477-489.

Seeman, T. E., McEwen, B. S., ROWE, J. W. et al.; Allostatic load as a marker of cumulative biological risk: MacArthur studies of successful aging; *Proceedings of the National Academy of Sciences of the United States of America*; 2001, Vol. 98, no.8, p. 4770-4775.

Seeman, T. E., Singer, B. H., ROWE, J. W. et al.; Price of adaptation - Allostatic load and its health consequences - MacArthur studies of successful aging; *Archives of Internal Medicine*; 1997, Vol. 157, no.19, p. 2259-2268.

Cohen, S., Kamarck, T., Mermelstein, R.; A Global Measure of Perceived Stress; *Journal of Health and Social Behavior*, 1983, Vol. 24, p. 386-396.

Sapolsky, R. M.; Glucocorticoids, Neuroendangerment and Neurotoxicity; *Encyclopedia of Stress*; Academic Press, 2000; p. 238-244 Vol 2.

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Lupien, S. J., Gaudreau, S., Tchiteya, B. M. et al.; Stress-induced declarative memory impairment healthy elderly subjects: Relationship to cortisol reactivity; *Journal of Clinical Endocrinology and Metabolism*; 1997, Vol. 82, no.7, p. 2070-2075.

Vallieres, L., Rivest, S.; Interleukin-6 in the Central Nervous System; *M-S Medecine Sciences*; 2000, Vol 16, p.936-944.

No additional fee is required since this information is filed prior to the first Office Action on the merits. (37 CFR 1.97(b)(3)).

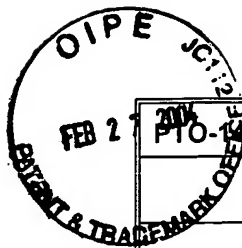
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Respectfully submitted,



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PTO-1449

U.S. Dept. of Commerce - Patent &amp; Trademark Office

**INFORMATION DISCLOSURE STATEMENT BY APPLICANT****LIST OF REFERENCES CITED BY APPLICANT**

Applicant: Cobain et al.  
Serial No.: 10/660,125  
Filing Date: September 11, 2003

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UNUS No.: 02-0544-UNI  
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**U.S. PATENT DOCUMENTS**

EXAM. INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	2002/0072083	06/13/02	Fitzgerald et al.			
	5,891,622	04/06/99	Morrow et al.			

**FOREIGN PATENT DOCUMENTS**

EXAM. INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	00/32805	08 Jun. 00	WO			

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

Liu, T., Stern, A. et al.; The Isoprostanes: Novel prostaglandin-like products of the free radical catalysed peroxidation of arachidonic acid; *Journal of Biomedical Science*; 1999, Vol. 6, no.4 pp 226-235.

Morrow, J. D., Frei, B., Longmire, A. W. et al.; Increase in circulating products of lipid peroxidation (F-2- Isoprostanes) in smokers – smoking as a cause of oxidative damage. *New England Journal of Medicine*; 1995, Vol. 332, no.18, p. 1198-1203.

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	<p>Sapolsky, R. M.; <u>Glucocorticoids, Neuroendangerment and Neurotoxicity</u>; <i>Encyclopedia of Stress</i>; Academic Press, 2000; p. 238-244 Vol 2.</p> <p>Lupien, S. J., Gaudreau, S., Tchiteya, B. M. et al.; <u>Stress-induced declarative memory impairment healthy elderly subjects: Relationship to cortisol reactivity</u>; <i>Journal of Clinical Endocrinology and Metabolism</i>; 1997, Vol. 82, no.7, p. 2070-2075.</p> <p>Vallieres, L., Rivest, S.; <u>Interleukin-6 in the Central Nervous System</u>; <i>M-S Medicine Sciences</i>; 2000, Vol 16, p.936-944.</p>
<p>EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.</p>	